

COMPANY Phillips LEASE GAO ST. 1-2 WELL NO. 1-02 DATE 9-8-83

LOCATION: Unit 2 Section 19 Township 32

L. 13,000 H. 13,000 L/H 1.00 G. 688 % CO₂ 1.382 % N₂ 2.871 % H₂S

GH 8944 P_{cf} 668 T_{cf} 375
TABLE IX & X TABLE IX & X

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LINE	1	2	3	4	5	6	7	8
1	$T_w(W.H. \text{ } ^\circ R)$	534	534			534	534	534
2	$T_s(B.H. \text{ } ^\circ R)$	664	664			664	664	664
3	$T = (\frac{T_w + T_s}{2})$	599	599			599	599	599
4	Z (Est.)	.882	.896			1.028	.969	.966
5	TZ	528.3	536.7			615.8	580.4	578.6
6	GH/TZ	16.93	16.66			14.52	15.41	15.46
7	e^S (Table XIV)	1.89	1.87			1.72	1.78	1.79
8	P_f or P_s	1075.2	1075.2			5630.2	5630.2	5630.2
9	P_f^2 or P_s^2	1156.1	1156.1			31699.2	31699.2	31699.2
10	$P_c^2 = P_f^2 / e^S$ or $P_w^2 = P_s^2 / e^S$	612.7	618.8			8386.3	17786.6	17154.7
11	P_c or P_w	782.8	786.7			4287.9	4217.4	4213.6
12	$P_c = (\frac{P_w + P_s}{2})$ or $(\frac{P_c + P_f}{2})$	928.9	930.9			4955.1	4923.8	4921.9
13	$P_r = (P/P_{cf})$	1.39	1.39			7.42	7.37	7.37
14	$T_r = (T/T_{cf})$	1.60	1.60			1.60	1.60	1.60
15	Z (Table XI)	.896	.896			.969	.966	.966

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